

Title (en)

SIGNAL TRANSMISSION SYSTEM, SIGNAL TRANSMITTER, AND SIGNAL RECEIVER

Title (de)

SIGNALÜBERTRAGUNGSSYSTEM, SIGNALSENDER UND SIGNALEMPFÄNGER

Title (fr)

SYSTEME DE TRANSMISSION DE SIGNAUX, EMETTEUR DE SIGNAUX ET RECEPTEUR DE SIGNAUX

Publication

**EP 1271949 A1 20030102 (EN)**

Application

**EP 01970206 A 20010925**

Priority

- JP 0108315 W 20010925
- JP 2000290374 A 20000925

Abstract (en)

A video signal, an audio signal, and a control signal to be used for control at the receiving end are time-division-multiplexed and transmitted. A signal transmission system is provided with a signal transmission apparatus (11) including a time-base compression unit (101) for time-base-compressing an audio signal, and a multiplexing unit (102) for time-division-multiplexing a control signal and the time-base-compressed audio signal in a blanking period of a video signal, and transmitting the time-division-multiplexed signal to a signal reception apparatus (12) through a transmission path (106); and a signal reception apparatus (12) including a demultiplexing unit (103) for demultiplexing the signal in which the video signal, the control signal, and the time-base-compressed audio signal are time-division-multiplexed, which signal is transmitted from the signal transmission apparatus (11), into the video signal, the control signal, and the time-base-compressed audio signal, respectively, and a time-base decompression unit (104) for decompressing the time-base-compressed audio signal. <IMAGE>

IPC 1-7

**H04N 7/08**; **H04N 11/00**

IPC 8 full level

**H04N 7/083** (2006.01); **H04N 7/085** (2006.01); **H04N 7/088** (2006.01)

CPC (source: EP KR US)

**H04N 7/083** (2013.01 - EP US); **H04N 7/0855** (2013.01 - EP US); **H04N 7/088** (2013.01 - EP US); **H04N 7/12** (2013.01 - KR)

Designated contracting state (EPC)

DE FR GB

DOCDB simple family (publication)

**EP 1271949 A1 20030102**; **EP 1271949 A4 20080416**; **EP 1271949 B1 20111214**; CN 1182715 C 20041229; CN 1393103 A 20030122; JP 2011223618 A 20111104; JP 5327280 B2 20131030; KR 100502036 B1 20050725; KR 100782649 B1 20071206; KR 20020062306 A 20020725; KR 20050038046 A 20050425; MY 136139 A 20080829; US 2003032392 A1 20030213; US 7327381 B2 20080205; WO 0225946 A1 20020328

DOCDB simple family (application)

**EP 01970206 A 20010925**; CN 01802900 A 20010925; JP 0108315 W 20010925; JP 2011133968 A 20110616; KR 20027006653 A 20020524; KR 20057005837 A 20050404; MY PI20014479 A 20010925; US 13069402 A 20020813